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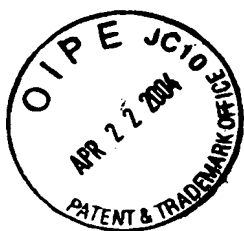
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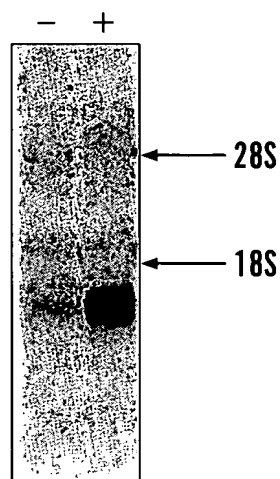


FIG. 1A

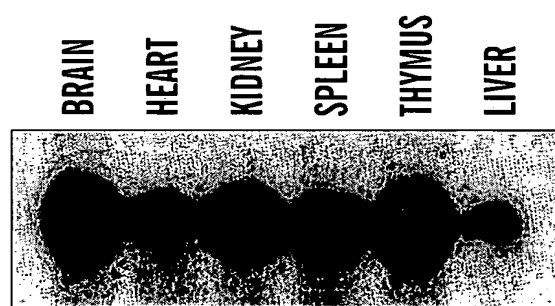


FIG. 1B

HUMAN FAIM SHORT DNA SEQUENCE

ATGACAGATCTCGTAGCTGTTTGGGATGTTGCTTTAAGTGACGGAGTCCACAAGATC
GAATTTGAACATGGGACTACATCAGGCAAACGAGTAGTATATGTAGATGGAAAGGA
AGAGATAAGAAAAGAGTGGATGTTCAAATTAGTGGGCAAAGAAACATTCTATGTTG
GAGCTGCAAAGACAAAAGCGACCATAAATATAGACGCTATCAGTGGTTTTGCTTAT
GAATATACTCTGGAAATTAATGGGAAAAGTCTCAAGAAGTATATGGAGGACAGATC
AAAAACCACCAATACTTGGGTATTACACATGGATGGTGAGAACTTTAGAATTGTTTT
GGAAAAAGATGCTATGGACGTATGGTGCAATGGTAAAAAATTGGAGACAGCGGGTG
AGTTTGTAGATGATGGGACTGAACTCACTTCAGTATCGGGAACCATGACTGTTACA
TAAAGGCTGTCAGTAGTGGGAAGCGGAAAGAAGGGATTATTCATACTCTCATTGTG
GATAATAGAGAAATCCCAGAGATTGCAAGTTAATGA

FIG. 2A

HUMAN FAIM SHORT PROTEIN

MTDLVAVWDVALSDGVHKKIEFEHGTTSGKRVVYVDGKEEIRKEWMFKLVGKETFYVG
AAKTKATINIDAIISGFAYEYTLINGKSLKKYMEDRSKTTNTWVLHMDGENFRIVLEKD
AMDVWCNGKKLETAGEFVDDGTETHFSIGNHDCYIKAVSSGKRKEGIIHTLIVDNREIPE
IAS

FIG. 2B

> HUMAN FAIM LONG DNA SEQUENCE

ATGGCATCTGGAGATGACAGTCCTATCTTTGAAGATGATGAAAGCCCTCCTTACAGC
CTAGAAAAAATGACAGATCTCGTAGCTGTTTGGGATGTTGCTTTAAGTGACGGAGTC
CACAAGATCGAATTTGAACATGGGACTACATCAGGCAAACGAGTAGTATATGTAGA
TGGAAAGGAAGAGATAAGAAAAGAGTGGATGTTCAAATTAGTGGGCAAAGAAACA
TTCTATGTTGGAGCTGCAAAGACAAAAGCGACCATAAATATAGACGCTATCAGTGG
TTTTGCTTATGAATATACTCTGGAAATTAATGGGAAAAGTCTCAAGAAGTATATGGA
GGACAGATCAAAAACCACTTGGGTATTACACATGGATGGTGAGAACTTTA
GAATTGTTTTGGAAAAAGATGCTATGGACGTATGGTGCAATGGTAAAAAATTGGAG
ACAGCGGGTGAGTTTGTAGATGATGGGACTGAAACTCACTTCAGTATCGGGAACCA
TGACTGTTACATAAAGGCTGTCAGTAGTGGGAAGCGGAAAGAAGGGATTATTCATA
CTCTCATTGTGGATAATAGAGAAATCCCAGAGATTGCAAGTTAA

FIG. 2C

HUMAN FAIM LONG PROTEIN

MASGDDSPIFEDDESPPYSLEKMTDLVAVWDVALSDGVHKIEFEHGTTSGKRVVYVDG
KEEIRKEWMFKLVGKETFYVGAAKTKATINIDAI SGFAYEYTL EINGKSLKKYMEDRSK
TTNTWVLHMDGENFRIVLEKDAMDVWCNGKKLETAGEFVDDGTETHFSIGNHDCYIK
AVSSGKRKEGIIHTLIVDNREIPEIAS

FIG. 2D

HUMAN FAIM SUPER LONG DNA SEQUENCE

ATGCGCGGAGGGGTGCGGCCTTCGGCTGAGGCAGAGGACCAGGGTTGGGTCCGTGGC
GGCGGGAGGGGTGGCCTCCTGCGCTGGTCGCCCCAGGGGACCTGAGAGGCGCGACA
AACAGTCGGCGCGTTTGGTACTCGCGCCTGCAGAGCTTTCAACCTCCGCGCCGGCTG
CCTGGTNTTCTCGGCCAGGGGAGCAAGGCCACGCGGCTANCGCAGCCGAGTCGGAA
CCAACCGGTTGTTTGGTGAAACTACCCAGAGCCTCCCGCGGCCACAGAGCACAGC
CCTCCTTACAGCCTAGAAAAAATGACAGATCTCGTAGCTGTTTGGGATGTTGCTTTA
AGTGACGGAGTCCACAAGATCGAATTTGAACATGGGACTACATCAGGCAAACGAGT
AGTATATGTAGATGGAAAGGAAGAGATAAGAAAAGAGTGGATGTTCAAATTAGTGG
GCAAAGAAACATTCTATGTTGGAGCTGCAAAGACAAAAGCGACCATAAATATAGAC
GCTATCAGTGGTTTTGCTTATGAATATACTCTGGAAATTAATGGGAAAAGTCTCAAG
AAGTATATGGAGGACAGATCAAAAACCACCAATACTTGGGTATTACACATGGATGG
TGAGAACTTTAGAATTGTTTTGGAAAAAGATGCTATGGACGTATGGTGCAATGGTAA
AAAATTGGAGACAGCGGGTGAGTTTGTAGATGATGGGACTGAAACTCACTTCAGTA
TCGGGAACCATGACTGTTACATAAAGGCTGTCAGTAGTGGGAAGCGGAAAGAAGGG
ATTATTCATACTCTCATTGTGGATAATAGAGAAATCCCAGAGATTGCAAGTTAATGA

FIG. 2E**HUMAN FAIM SUPER LONG PROTEIN**

MRGGCGLRLRQRTRVGSVAAGGVASCAGRPRGPERRDKQSARLVLAPAE LSTSAPAA
WXS RPGEQGHAAAXAAESEPTGCLVKLPQSLPRPTEHSPPYSLEKMTDLVAVWDVALSD
GVHKIEFEHGTTSGKR VVYVDGKEEIRKEWMFKLVGKETFYVGA AKTKATINID AISGF
AYEYTL EINGKSLKKYMEDRSKTTNTWVLHMDGENFRIVLEKDAMDVWCNGKKLETA
GEFVDDGTETHFSIGNHDCYIKAVSSGKRKEGIIHTLIVDNREIPEIAS

FIG. 2F

HUMAN FAIM LUNG CANCER DNA SEQUENCE

ATGGCATCTGGAGATGACAGTCCTATCTTTGAAGATGATGAAAGCCCTCCTTACAGC
CTAGAAAAAATGACAGATCTCGTAGCTGTTTGGGATGTTGCTTTAAGTGACGGAGTC
CACAAGATCGAATTTGAACATGGGACTACATCAGGCAAACGAGTAGTATATGTAGA
TGGAAAGGAAAAAGATGCTATGGACGTATGGTGCAATGGTAAAAAATTGGAGACAG
CGGGTGAGTTTGTAGATGATGGGACTGAAACTCACTTCAGTATCGGGAACCATGACT
GTTACATAAAGGCTGTCAGTAGTGGGAAGCGGAAAGAAGGGATTATTCATACTCTC
ATTGTGGATAATAGAGAAATCCCAGAGATTGCAAGTTAATGA

FIG. 2G

HUMAN FAIM LUNG CANCER PROTEIN

MASGDDSPIFEDDESPPYSLEKMTDLVAVWDVALSDGXHKIEFEHGTTSGKRVVYVDG
KEKDAMDVWCNGKKLETAGEFVDDGTETHFSIGNHDCYIKAVSSGKRKEGIIHTLIVDN
REIPEIAS

FIG. 2H

MURINE FAIM SHORT DNA SEQUENCE

ATGACGGATCTCGTAGCTGTTTGGGACGTAGCATTAAGTGACGGAGTCCACAAGATT
GAATTTGAACATGGGACCACATCAGGCAAGCGGGTTGTGTACGTGGATGGGAAGGA
AGAGATAAGAAGAGAGTGGATGTTCAAGTTGGTGGGCAAAGAAACGTTCTTTGTCG
GAGCTGCAAAAACCAAAGCCACCATCAATATAGATGCCATAAGTGGCTTCGCATAC
GAGTACACGCTGGAAATTGATGGGAAGAGCCTCAAGAAGTACATGGAGAACAGGTC
AAAGACCACCAGCACCTGGGTGCTGCGCCTGGATGGCGAGGACCTGAGAGTTGTTTT
GGAAAAAGACACTATGGACGTATGGTGCAATGGTCAGAAAAATGGAGACAGCGGGC
GAGTTTGTAGATGATGGGACTGAGACGCACTTCAGCGTTGGGAACCACGGCTGTTAC
ATAAAAGCTGTGAGCAGCGGAAAGAGGAAAGAAGGGATTATCCATACCCTCATTGT
GGATAACAGGGAAATCCCAGAGCTCACTCAGTGA

FIG. 2I

MURINE FAIM SHORT PROTEIN

MTDLVAVWDVALSDGVHKIEFEHGTTSVKRVVYVDGKEEIRREWMFKLVGKETFFVG
AAKTKATINIDAI SAFAYEYTL EIDGKSLKKY MENRSKTTSTWVLR LDGEDLRVVLEKD
TMDVWCNGQK METAGEFVDDGTETHFSVGNHGCYIKAVSSGKRKEGIIHTLIVDNREIP
ELTQ

FIG. 2J

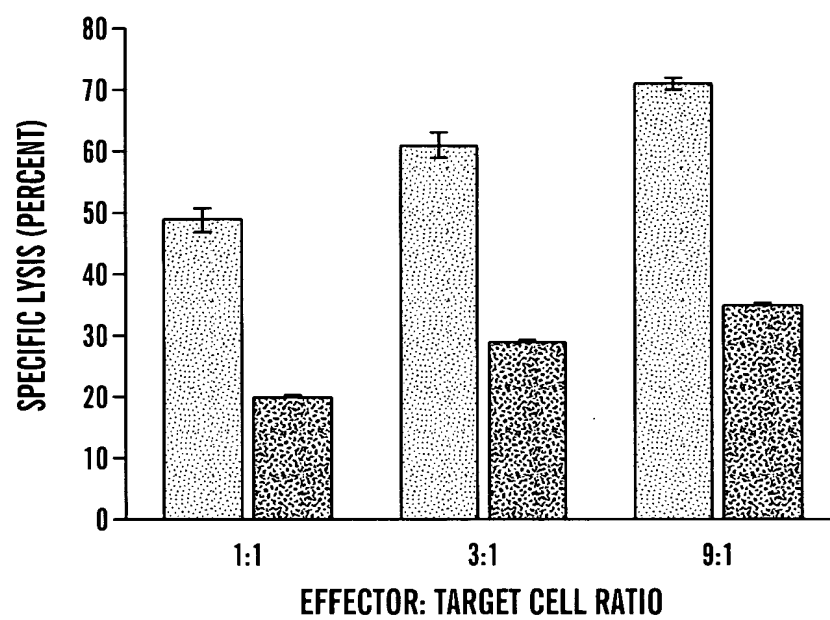
MURINE FAIM LONG DNA SEQUENCE

ATGGCGTCTGGAGATGACAGTCCTATCTTTGAAGATGATGAAAGCCCTCTCTATAGC
CTGGAAAAAATGACGGATCTCGTAGCTGTTTGGGACGTAGCATTAAAGTGACGGAGT
CCACAAGATTGAATTTGAACATGGGACCACATCAGGCAAGCGGGTTGTGTACGTGG
ATGGGAAGGAAGAGATAAGAAGAGAGTGGATGTTCAAGTTGGTGGGCAAAGAAAC
GTTCTTTGTCGGAGCTGCAAAAACCAAAGCCACCATCAATATAGATGCCATAAGTGG
CTTCGCATACGAGTACACGCTGGAAATTGATGGGAAGAGCCTCAAGAAGTACATGG
AGAACAGGTCAAAGACCACCAGCACCTGGGTGCTGCGCCTGGATGGCGAGGACCTG
AGAGTTGTTTTGGAAAAAGACACTATGGACGTATGGTGCAATGGTCAGAAAATGGA
GACAGCGGGCGAGTTTGTAGATGATGGGACTGAGACGCACTTCAGCGTTGGGAACC
ACGGCTGTTACATAAAAGCTGTGAGCAGCGGAAAGAGGAAAGAAGGGATTATCCAT
ACCCTCATTGTGGATAACAGGGAAATCCCAGAGCTCACTCAGTGA

FIG. 2K**MURINE FAIM LONG PROTEIN**

MASGDDSPIFEDDESPLYSLEKMTDLVAVWDVALSDGVHKKIEFEHGTTSGKRVVYVDG
KEEIRREWMFKLVGKETFFVGAAKTKATINIDAIISGFAYEYTLIDGKSLKKYMENRSK
TTSTWVLRLDGEDLRVVLEKDTMDVWCNGQKMETAGEFVDDGTETHFSVGNHGCYIK
AVSSGKRKEGIIHTLIVDNREIPELTQ

FIG. 2L

***FIG. 3A***

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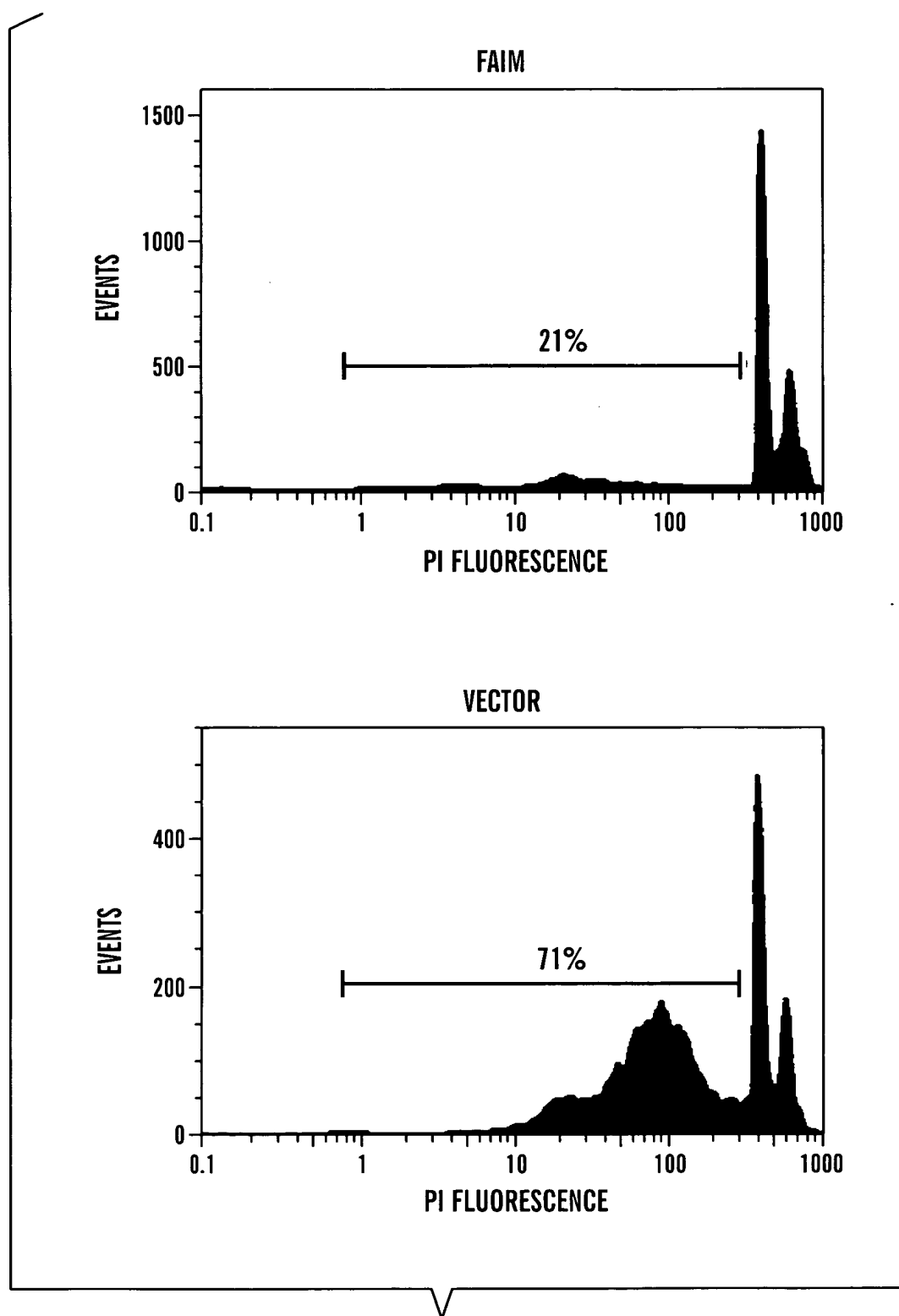


FIG. 3B

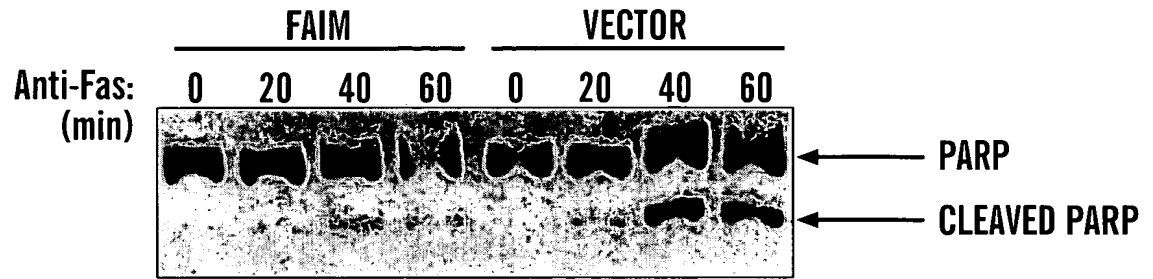


FIG. 3C

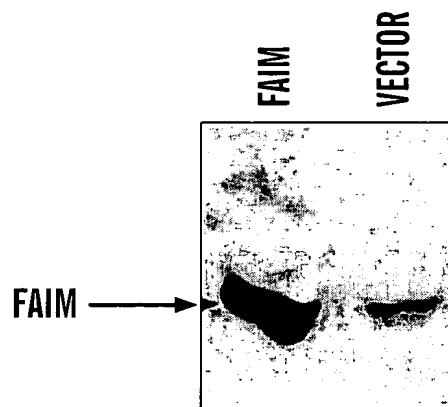


FIG. 3D

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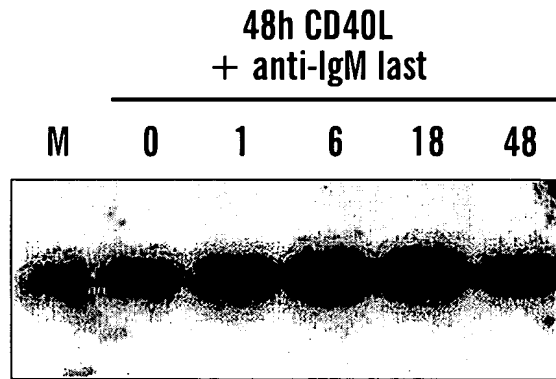


FIG. 4A

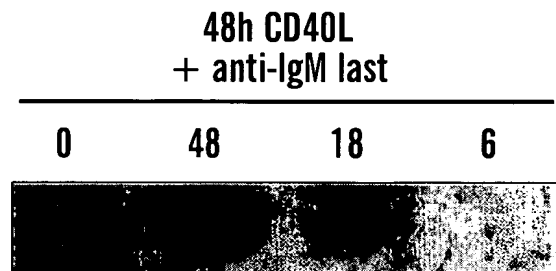


FIG. 4B

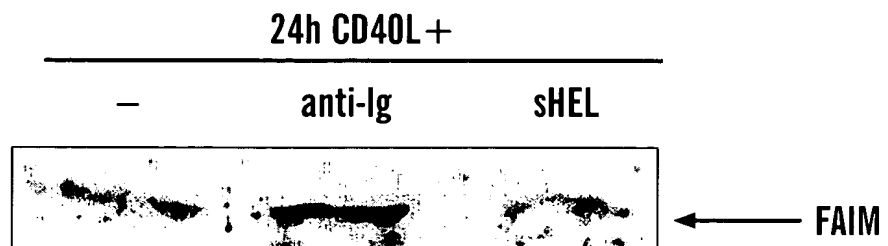


FIG. 4C